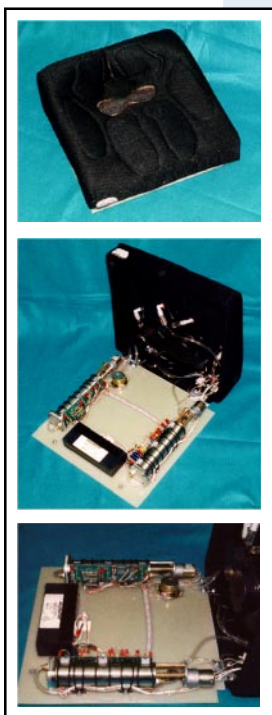


Generic Total Contact Seat (GTCS) for Treatment & Prevention of Pressure Ulcers



- Wheelchair users/bedridden persons often afflicted by pressure ulcers
 - Loss of feeling, lack of mobility, poor circulation cause large sores that can extend to bone; damage leading to sores can occur in 5 minutes
 - In U.S. alone, > 60K deaths/year attributed to complications; annual medical care costs now > \$8 Billion and growing
- GTCS is FDA-approved Class II medical device
 - Unique cushion fits in any wheelchair—allows optimal upright position
 - Biomechanical design systematically compresses tissues, increasing blood supply, stimulating tissue growth
 - Promotes wound healing, cuts treatment time by 1/3, reduces medical costs
 - Greatly reduces likelihood of developing new sores
- Potential commercial spin-offs include car, truck, plane, train, office, theatre seating
- Russians will optimize GTCS design and manufacture key components
 - Goal to develop Russian production facility for commercially viable, inexpensive medical devices for global market



Numotech, Inc.
Northridge, CA

M·R·BEAL & COMPANY
Investment Bankers & Financial Advisors

MR Beal & Company
New York, NY



SPEKTR
Snezhinsk, Russia



Sandia
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